# PATENT COOPERATION TREATY

# PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
1245WOORD01	ACTION		as, where applicable, item 5 below.
International application No.	International filing date (daylmont	h/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/053495	15/12/2004		16/12/2003
Applicant			
ALTANA PHARMA AG			
This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Sea unsmitted to the International Burea	rching Auth	ority and is transmitted to the applicant
This International Search Report consists	of a total of sh	eets.	
X It is also accompanied by	a copy of each prior art document o	ited in this	report.
Basis of the report     a. With regard to the language, the interpretable language in which it was filed, unloading the second sec	international search was carried out ess otherwise indicated under this le	on the bas	is of the international application in the
The international state of this Authority (Rul	search was carried out on the basis e 23.1(b)).	of a transia	ation of the international application furnished to
b. With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.
2. X Certain claims were four	nd unsearchable (See Box II).		
3. X Unity of invention is lack	ding (see Box III).		
4. With regard to the title,			
X the text is approved as sul	bmitted by the applicant.		
the text has been establish	hed by this Authority to read as follo	ws:	
			4.
•			
5. With regard to the abstract,			
X the text is approved as sut	omitted by the applicant.		
the text has been establish may, within one month from	ned, according to Rule 38.2(b), by the model that of mailing of this international that it is not the second that the second in the second that is not the second that the second in the	nis Authorit ional searc	y as it appears in Box No. IV. The applicant h report, submit comments to this Authority.
6. With regard to the drawings,			
a. the figure of the drawings to be pu	ublished with the abstract is Figure	No	
as suggested by the	ne applicant.		
	s Authority, because the applicant fa	•	_
	Authority, because this figure better	r character	izes the invention.
b none of the figures is to be	published with the abstract.		

International Application No PCT/EP2004/053495

A. CLASSIFICATION OF SUBJECT MATTER
. C07J71/00 A61K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{array}{c} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{C07J} \quad \text{A61K} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 5 482 934 A (CALATAYUD ET. AL.) 9 January 1996 (1996-01-09) cited in the application column 14, line 63 - column 15, line 7; examples 7,8	1-20
US 6 392 036 B1 (KARLSSON ET. AL.) 21 May 2002 (2002-05-21) column 3, line 8 - line 32; claims; examples column 5, line 15 - line 28	1-20
WO 03/086347 A (CHIESI PHARMACEUTICI S.P.A.) 23 October 2003 (2003-10-23) page 8, line 13 - line 16; claims; examples	1-20
	US 5 482 934 A (CALATAYUD ET. AL.) 9 January 1996 (1996-01-09) cited in the application column 14, line 63 - column 15, line 7; examples 7,8  US 6 392 036 B1 (KARLSSON ET. AL.) 21 May 2002 (2002-05-21) column 3, line 8 - line 32; claims; examples column 5, line 15 - line 28  WO 03/086347 A (CHIESI PHARMACEUTICI S.P.A.) 23 October 2003 (2003-10-23) page 8, line 13 - line 16; claims;

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filling date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filling date but later than the priority date claimed</li> </ul>	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search  16 February 2006	Date of mailing of the international search report  2 8. 03. 2006
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,  Fax: (+31–70) 340–3016	Authorized officer  Helps, I

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International Application No
PCT/EP2004/053495

		PCT/EP2004/053495
	citation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category °	Chairon of document, with moreation, where appropriate, of the relevant passages	Helevani to daim No.
A	GORDON DENT: "Ciclesonide" 2 CURRENT OPINION IN INVESTIGATIONAL DRUGS, vol. 3, no. 1, 1 January 2002 (2002-01-01), pages 78-83, XP001179540 the whole document	1-20
P,X	W0 2004/004739 A (TEIJIN) 15 January 2004 (2004-01-15) claims; examples	1-20
X	WO 01/28562 A (TEIJIN) 26 April 2001 (2001-04-26)	21-23, 25-27, 29,31, 33,35, 36,39-41
	page 5, line 14; claims; table 2	
X	WO 02/083113 A (DEY, L.P.) 24 October 2002 (2002-10-24)	21,22, 25-33, 35,36, 38-41
	page 19, line 12 - page 27, line 20; claims; examples	00.12
X	DE 101 45 361 A (PARI GMBH) 3 April 2003 (2003-04-03)	21,24, 27, 31-37, 39-41
	page 6, line 14 - page 7, line 57; claims; examples	33 41
P,X	US 2004/023935 A1 (BANERJEE ET. AL.) 5 February 2004 (2004-02-05)	21,22, 25-33, 35-41
	page 4, paragraph 51 - page 7, paragraph 78; claims	33-41
P,X	WO 2004/054545 A (CHIESE FARMACEUTICI) 1 July 2004 (2004-07-01)	21,24, 27, 31-36, 39-41
	page 15, line 20 - page 19, line 6; claims; examples	39-41

International application No. PCT/EP2004/053495

# INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 39,40(part) because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 39 and 40 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20

Process for preparing sterile suspensions of ciclesonide by use of an autoclave

2. claims: 21-41

Sterile ciclesonide suspensions characterised by presence of non-ionic excipients or by particle size

Information on patent family members

International Application No
PCT/EP2004/053495

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